

line 28, after "mutations" insert ~~-(SEQ ID NOS: 36-37)--~~.

Page 11, line 32, after "strand" insert ~~-(SEQ ID NOS: 23-30)--~~;

line 36, after "mutants" insert ~~-(SEQ ID NOS: 31-35)--~~.

Page 12, line 2, after "mutations" insert ~~-(SEQ ID NOS: 38-39)--~~.

Page 16, line 1, after "birch)", insert ~~-(SEQ ID NOS: 36-37)--~~;

line 18, after "v 1" insert ~~-(SEQ ID NOS: 36-37)--~~;

line 29, after "5" insert ~~-(SEQ ID NOS: 38-39)--~~.

Page 22, line 36, after "v 1" insert ~~--(SEQ ID NO: 37)--~~.

Page 23, line 7, after "v 1" insert ~~--(SEQ ID NO: 37)--~~;

line 11, after "v 1" insert ~~--(SEQ ID NO: 37)--~~;

line 14, after "v 1" insert ~~--(SEQ ID NO: 37)--~~;

line 24, after "v 1" insert ~~--(SEQ ID NO: 37)--~~;

line 26, after "v 1" insert ~~--(SEQ ID NO: 37)--~~;

line 29, after "v 1" insert ~~--(SEQ ID NO: 37)--~~;

line 35, after "v 1" insert ~~--(SEQ ID NO: 37)--~~.

Page 24, line 8, after "v 1" insert ~~--(SEQ ID NO: 37)--~~;

line 26, after "~~Allergens~~" insert --(SEQ ID NOS: 36-37)--;
line 36, after "~~2801~~" insert --(SEQ ID NOS: 36-37)--.

Page 25, line 3, after "v 1" insert --(SEQ ID NO: 36)--;
line 10, after "v 1" insert --(SEQ ID NO: 36)--;
line 14, after "v 1" insert --(SEQ ID NO: 37)--;
line 21, after "v 1" insert --(SEQ ID NO: 36)--;
line 26, after "v 1" insert --(SEQ ID NO: 37)--;
line 28, after "v 1" insert --(SEQ ID NO: 37)--;
line 30, after "v 1" insert --(SEQ ID NO: 36)--.

Page 26, line 1, after "~~v 1~~" insert --(SEQ ID NO: 36)--;
line 7, after "~~v 1~~" insert --(SEQ ID NO: 36)--;
line 8, after "~~v 1~~" insert --(SEQ ID NO: 36)--;
line 13, after "~~strand~~" insert --SEQ ID NO: 1-22)--;
line 17, after "~~v 1~~" insert --(SEQ ID NO: 36)--;
line 19, after "~~sense~~" insert --(SEQ ID NO: 5)--;
line 20, after "~~sense~~" insert --(SEQ ID NO: 22)--;
line 24, after "v 1" insert --(SEQ ID NO: 36)--;
line 33, after "v 1" insert --(SEQ ID NO: 36)--.

Page 27, line 4, after "~~process~~" insert --(SEQ ID NO: 37)--;

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line 8, after "respectively" insert --(SEQ ID NO: 37)--;
line 19, after "v 1" insert --(SEQ ID NO: 36)--;
line 23, after "follows" insert --(SEQ ID NOS: 36-37)--;
line 27, after "Pro108Gly" insert --(SEQ ID NO: 37)--;
line 29, after "Pro108Gly" insert --(SEQ ID NO: 37)--;
line 32, after "Pro108Gly" insert --(SEQ ID NO: 37)--.

Page 28, line 1, after "gene" insert --(SEQ ID NO: 36)--;
line 13, after "mutants" insert --(SEQ ID NO: 37)--;
line 25, after "v 1" insert --(SEQ ID NO: 37)--;
line 30, after "v 1" insert --(SEQ ID NO: 37)--;
line 32, after "v 1" insert --(SEQ ID NO: 37)--;
line 36, after "v 1" insert --(SEQ ID NO: 37)--.

Page 29, line 9, after "2801" insert --(SEQ ID NO: 37)--;
line 10, after "v 1" insert --(SEQ ID NO: 37)--;
line 15, after "protein" insert --(SEQ ID NO: 37)--;
line 17, after "v 1" insert --(SEQ ID NO: 37)--;
line 26, after "v 1" insert --(SEQ ID NO: 37)--;
line 27, after "v 1" insert --(SEQ ID NO: 37)--;
line 32, after "analysis" insert --(SEQ ID NO: 37)--;
line 34, after "mutant" insert --(SEQ ID NO: 37)--.

Page 30, line 4, after "v 1" ~~insert~~ --(SEQ ID NO: 37)--;
line 10, after "molecule" ~~insert~~ --(SEQ ID NO: 37)--;
line 13, after "mutant" ~~insert~~ --(SEQ ID NO: 37)--;
line 17, after "mutant" ~~insert~~ --(SEQ ID NO: 37)--;
line 23, after "v 1" ~~insert~~ --(SEQ ID NO: 37)--;
line 25, after "v 1" ~~insert~~ --(SEQ ID NO: 37)--;
line 27, after "v 1" ~~insert~~ --(SEQ ID NO: 37)--;
line 35, after "v 1" ~~insert~~ --(SEQ ID NO: 37)--.

Page 31, line 6, after "mutant" ~~insert~~ --(SEQ ID NO: 37)--;
line 9, after "protein" ~~insert~~ --(SEQ ID NO: 37)--;
line 13, after "Glu45Ser" ~~insert~~ --(SEQ ID NO: 37)--;
line 17, after "mutant" ~~insert~~ --(SEQ ID NO: 37)--;
line 19, after "mutant" ~~insert~~ --(SEQ ID NO: 37)--;
line 24, after "2801" ~~insert~~ --(SEQ ID NO: 37)--;
line 29, after "2801" ~~insert~~ --(SEQ ID NO: 37)--;
line 30, after "2801" ~~insert~~ --(SEQ ID NO: 37)--.

Page 32, line 2, after "v 1" ~~insert~~ --(SEQ ID NO: 37)--;
line 4, after "mutant" ~~insert~~ --(SEQ ID NO: 37)--;
line 9, after "v 1" ~~insert~~ --(SEQ ID NO: 37)--;
line 11, after "mutant" ~~insert~~ --(SEQ ID NO: 37)--;

line 12, after "mutant" insert --(SEQ ID NO: 37)--;
line 15, after "mutant" insert --(SEQ ID NO: 37)--;
line 16, after "v1" insert --(SEQ ID NO: 37)--;
line 17, after "substitution" insert --(SEQ ID NO: 37)--;
line 19, after "mutant" insert --(SEQ ID NO: 37)--;
line 21, after "Asn28Thr+Lys32Gln" insert --(SEQ ID NO:
37)--;

Page 33, line 3, after "molecule" insert --(SEQ ID NO: 37)--;
line 6, after "Asn28Thr+Lys32Gln" insert --(SEQ ID NO:
37)--;
line 8, after "Ash28Thr+Lys32Gln" insert --(SEQ ID NO:
37)--;
line 14, after "Bet v1" insert --(SEQ ID NO:
37)--;
line 16, after "Asn28Thr+Lys32Gln" insert --(SEQ ID NO:
37)--;
line 23, after "Asn28Thr+Lys32Gln" insert --SEQ ID NO:
37)--;
line 25, after "Asn28Thr+Lys32Gln" insert --(SEQ ID NO:
37)--;
line 29, after "mutant" insert --(SEQ ID NO: 37)--;

line 33, after "Asn28Thr+Lys32Gln" insert --(SEQ ID NO: 37)--;

line 35, after "Pro108Gly" insert --(SEQ ID NO: 37)--.

Page 34,

line 11, after "molecule" insert --(SEQ ID NO: 37)--;

line 13, after "mutant" insert --(SEQ ID NO: 37)--;

line 15, after "mutant" insert --(SEQ ID NO: 37)--;

line 16, after "v 1" insert --(SEQ ID NO: 37)--;

line 21, after "v 1" insert --(SEQ ID NO: 37)--;

line 22, after "v 1" insert --(SEQ ID NO: 37)--;

line 23, after "mutant" insert --(SEQ ID NO: 37)--;

line 31, after "Pro108Gly" insert --(SEQ ID NO: 37)--;

line 35, after "mutant" insert --(SEQ ID NO: 37)--;

line 36, after "v 1" insert --(SEQ ID NO: 37)--.

Page 35,

line 3, after "mutant" insert --(SEQ ID NO: 37)--;

line 5, after "mutant" insert --(SEQ ID NO: 37)--;

line 17, after "molecule" insert --(SEQ ID NO: 37)--;

line 19, after "mutant" insert --(SEQ ID NO: 37)--;

line 21, after "mutant" insert --(SEQ ID NO: 37)--;

line 27, after "v 1" insert --(SEQ ID NO: 37)--;

line 28, after "v 1" insert --(SEQ ID NO: 37)--;

line 29, after "mutant" insert --(SEQ ID NO: 37)--;
line 30, after "mutants" insert --(SEQ ID NO: 37)--.

Page 36, line 3, after "mutant" insert --(SEQ ID NO: 37)--;
line 11, after "mutant" insert --(SEQ ID NO: 37)--;
line 16, after "mutant" insert --(SEQ ID NO: 37)--;
line 24, after "mutant" insert --(SEQ ID NO: 37)--;
line 26, after "mutant" insert --(SEQ ID NO: 37)--;
line 27, after "v 1" insert --(SEQ ID NO: 37)--;
line 32, after "v 1" insert --(SEQ ID NO: 37)--;
line 33, after "v 1" insert --(SEQ ID NO: 37)--;
line 34, after "mutant" insert --(SEQ ID NO: 37)--;
line 36, after "mutant" insert --(SEQ ID NO: 37)--;

Page 37, line 2, after "mutant" insert --(SEQ ID NO: 37)--;
line 5, after "mutant" insert --(SEQ ID NO: 37)--;
line 8, after "v 1" insert --(SEQ ID NO: 37)--;
line 10, after "mutant" insert --(SEQ ID NO: 37)--;
line 16, after "mutant" insert --(SEQ ID NO: 37)--;
line 19, after "mutant" insert --(SEQ ID NO: 37)--;
line 23, after "mutant" insert --(SEQ ID NO: 37)--;
line 30, after "5" insert --(SEQ ID NOS: 38-39)--;

line 36, after "~~v~~5" insert --(SEQ ID NO: 39)--.

Page 38, line 4, after "~~5~~" insert --(SEQ ID NO: 39)--;

line 19, after "~~5~~" insert --(SEQ ID NO: 39)--;

line 23, after "~~5~~" insert --(SEQ ID NO: 39)--.

Page 39, line 9, after "~~5~~" insert --(SEQ ID NO: 38)--;

line 16, after "~~5~~" insert --(SEQ ID NO: 38)--;

line 21, after "~~5~~" insert --(SEQ ID NO: 38)--;

line 23, after "pastoris" insert --(SEQ ID NO: 39)--;

line 30, after "~~5~~" insert --(SEQ ID NO: 38)--;

line 32, after "protein" insert --(SEQ ID NO: 39)--.

Page 40, line 2, after "protein" insert --(SEQ ID NO: 39)--; *NE*

line 3, after "terminus" insert --(SEQ ID NO: 39)--;

line 7, after "gene" insert --(SEQ ID NO: 38)--;

line 17, after "gene" insert --(SEQ ID NO: 38)--;

line 22, after "12" insert --(SEQ ID NOS: 23-35 and 40)--;

line 26, after "gene" insert --(SEQ ID NO: 38)--;

line 29, after "sense"" insert --(SEQ ID NO: 40)--;

line 30, after "sense"" insert --(SEQ ID NO: 35)--;

line 32, after "mutant" insert --(SEQ ID NO: 39)--;

line 35, after "genes" insert --(SEQ ID NO: 38)--.

Page 41, line 2, after "5" insert --(SEQ ID NO: 39)--;

line 4, after "gene" insert --(SEQ ID NO: 38)--;

line 6, after "5" insert --(SEQ ID NO: 39)--;

line 8, after "11" insert --(SEQ ID NOS: 23-30)--;

line 14, after "5" insert --(SEQ ID NO: 38)--;

line 28, after "mutations" insert --(SEQ ID NOS: 38-39)--;

line 32, after "genes" insert --(SEQ ID NO: 38)--.

Page 42, line 6, after "gene" insert --(SEQ ID NO: 38)--;

line 15, after "5" insert --(SEQ ID NO: 39)--;

line 36, after "5" insert --(SEQ ID NO: 39)--.

Page 43, line 2, after "5" insert --(SEQ ID NO: 39)--;

line 4, after "5" insert --(SEQ ID NO: 39)--;

line 11, after "crystals" insert --(SEQ ID NO: 39)--;

line 13, after "5" insert --(SEQ ID NO: 39)--;

line 19, after "proteins" insert --(SEQ ID NO: 39)--;

line 23, after "5" insert --(SEQ ID NO: 39)--;

line 29, after "mutants" insert --(SEQ ID NO: 39)--;

line 30, after "5" insert --(SEQ ID NO: 39)--;

line 35, after "5" insert ~~insert~~ --(SEQ ID NO: 39)--;

line 36, after "1" insert ~~insert~~ --(SEQ ID NO: 37)--.

Page 44, line 15, after "mutant" insert ~~insert~~ --(SEQ ID NO: 39)--;

line 17, after "mutant" insert ~~insert~~ --(SEQ ID NO: 39)--;

line 23, after "5" insert ~~insert~~ --(SEQ ID NO: 39)--;

line 24, after "5" insert ~~insert~~ --(SEQ ID NO: 39)--;

line 25, after "mutant" insert ~~insert~~ --(SEQ ID NO: 39)--;

line 30, after "5" insert ~~insert~~ --(SEQ ID NO: 39)--;

line 32, after "mutant" insert ~~insert~~ --(SEQ ID NO: 39)--;

line 33, after "mutant" insert ~~insert~~ --(SEQ ID NO: 39)--;

line 36, after "mutant" insert ~~insert~~ --(SEQ ID NO: 39)--.

Page 45, line 1, after "5" insert ~~insert~~ --(SEQ ID NO: 39)--;

line 4, after "mutant" insert ~~insert~~ --(SEQ ID NO: 39)--;

line 6, after "mutant" insert ~~insert~~ --(SEQ ID NO: 39)--;

line 10, after "5" insert ~~insert~~ --(SEQ ID NO: 39)--;

line 17, after "molecule" insert ~~insert~~ --(SEQ ID NO: 39)--;

line 19, after "mutant" insert ~~insert~~ --(SEQ ID NO: 39)--;

line 21, after "mutant" insert ~~insert~~ --(SEQ ID NO: 39)--;

line 27, after "5" insert ~~insert~~ --(SEQ ID NO: 39)--;

line 28, after "5" insert ~~insert~~ --(SEQ ID NO: 39)--;